

FROM TREXLER ETAL.

(TUE) 10. 26 '04 14:01/ST. 14:00/NO. 4860347065 P 1

TREXLER, BUSHNELL, GIANGIORGI, BLACKSTONE & MARR, LTD.

COUNSELORS AT LAW

THE CLARK ADAMS BUILDING

105 WEST ADAMS STREET, SUITE 3600

CHICAGO, ILLINOIS 60603-6299

(312) 704-1890

RICHARD K. TREXLER (1906-1995)

RICHARD BUSHNELL (1926-2004)

RICHARD A. GIANGIORGI

RAIFORD A. BLACKSTONE, JR.

DAVID J. MARR

LINDA L. PALOMAR

JAMES R. FOLEY

JAMES A. O'MALLEY

TIMOTHY M. MCCARTHY

PAIGE A. KITZINGER

RECEIVED
CENTRAL FAX CENTER

OCT 26 2004

FOUNDED 1890

PATENT, TRADEMARK, COPYRIGHT
AND RELATED MATTERS: ALL PHASES
INCLUDING LICENSING AND LITIGATION

FAX: (312) 704-8023

www.trexlaw.com

FACSIMILE TRANSMISSION

TOTAL PAGES (Including Cover Page) 10 DATE: October 26, 2004

Commissioner of Patents and Trademarks

TO: Attn: Examiner Emily Y. Chan FROM: Mr. James R. Foley, Reg. No. 39,979

FAX NO: (703) 872-9306 FAX NO: (312) 704-8023

If you experience any difficulty with this transmission, please call (312) 704-1890 for assistance.

ORIGINAL COPY AND ENCLOSURES

 WILL BE SENT BY MAIL COURIER

 ✓ WILL NOT BE SENT

NOTES:

Inventors: Thuraiarajaratnam et al.

For: MEASUREMENT OF PACKAGE
INTERCONNECT IMPEDANCE
USING TESTER AND SUPPORTING
TESTER HARDWARE

Art Unit: 2829

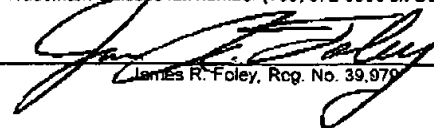
Serial No.: 10/620.057

Filed: July 15, 2003

Attorney Ref.: 02-4456/1P

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office to fax number (703) 872-9306 on October 26, 2004.


James R. Foley, Reg. No. 39,979

IMPORTANT NOTICE

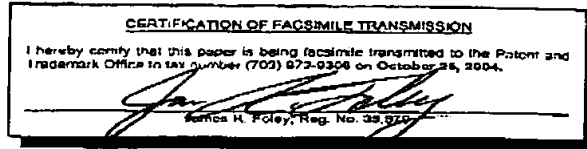
This transmission (including all attached pages) is intended only for the use of the named addressee(s), and may contain information that is privileged or exempt from disclosure under applicable law. **IF YOU ARE NOT A NAMED ADDRESSEE, YOU ARE HEREBY NOTIFIED THAT ANY USE, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS TRANSMISSION IS STRICTLY PROHIBITED.** If you have received this transmission in error, please destroy all copies and notify us immediately at this telephone number: (312) 704-1890.

In re application of: Thurnirajaratnam et al.

Serial No.: 10/620,057

Filed: July 15, 2003

Art Unit: 2829

For: MEASUREMENT OF PACKAGE INTERCONNECT IMPEDANCE USING TESTER AND
SUPPORTING
TESTER HARDWAREBOX: AMENDMENT- NON FEE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed July 27, 2004.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
TOTAL	* 21	MINUS	** 27	0
INDEP.	* 2	MINUS	** 3	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY	
Rate	Addit. Fee
x 9 =	\$.00
x 44 =	\$.00
x 150 =	\$.00
TOTAL ADDIT. FEE	\$.00

OR

OTHER THAN A SMALL ENTITY	
Rate	Addit. Fee
x 18 =	\$.00
x 88 =	\$.00
+ 300 =	\$.00
TOTAL	\$.00

OR

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 12-2252 in the amount of \$_____ A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of _____ to cover the filing fee is also enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-2252. A duplicate copy of this sheet is enclosed.
- ☒ Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17

Dated: October 26, 2004

James R. Foley Reg. No. 39,979
Attorney of Record

FROM TREXLER ETAL.

(TUE) 10. 26 '04 14:01/ST. 14:00/NO. 4860347065 P 3

FORM PTO-1083

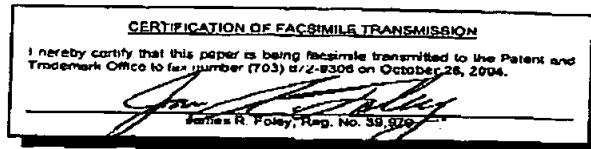
Case No. 02-4456/1P

In re application of: Thuraiarajaratnam et al.

Serial No.: 10/620,057

Filed: July 15, 2003

Art Unit: 2829

For: MEASUREMENT OF PACKAGE INTERCONNECT IMPEDANCE USING TESTER AND
SUPPORTING
TESTER HARDWARE

BOX: AMENDMENT- NON FEE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed July 27, 2004.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra
TOTAL	* 21	MINUS	** 27	0
INDEP.	* 2	MINUS	** 3	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY	
Rate	Addit. Fee
x 9 =	\$.00
x 44 =	\$.00
+ 150 =	\$.00
TOTAL	
ADDIT. FEE	\$.00

OR

OTHER THAN A SMALL ENTITY	
Rate	Addit. Fee
x 18 =	\$.00
x 88 =	\$.00
+ 300 =	\$.00
TOTAL	
	\$.00

OR

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

☐ Please charge my Deposit Account No. 12-2252 in the amount of \$ _____. A duplicate copy of this sheet is enclosed.

☐ A check in the amount of _____ to cover the filing fee is also enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12 2252. A duplicate copy of this sheet is enclosed.

☒ Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 CFR 1.17

Dated: October 26, 2004

James R. Foley Reg. No. 39,979
Attorney of Record

COPY

TREXLER, BUSHNELL, GIANGIORGI, BLACKSTONE & MARR, LTD. • 105 WADAMS ST. • CHICAGO, ILLINOIS 60603 • (312) 704-1880

PAGE 3/10 * RCVD AT 10/26/2004 3:05:04 PM [Eastern Daylight Time] * SVR:USPTO-EFXXRF-1/0 * DNIS:8729306 * CSID:1 312 704 8023 * DURATION (mm-ss):02-58

FROM TREXLER ETAL.

(TUE) 10. 26' 04 14:02/ST. 14:00/NO. 4860347065 P 4

RECEIVED
CENTRAL FAX CENTER

OCT 26 2004 PATENT

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Serial No.: 10/620,057)
Filed: July 15, 2003)
Title: Measurement of Package)
Interconnect Impedance)
Using Tester and)
Supporting Tester Hardware)
Applicants: Thurairajaratnam et al.)
Art Unit: 2829)
Examiner: Emily Y. Chan)
Attorney Ref: 02-4456/1P)

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the
Patent and Trademark Office to fax number (703) 872-9306 on
October 26, 2004.


James R. Foley, Reg. No. 39,979

RESPONSE TO THE OFFICE ACTION MAILED JULY 27, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application and in response to the Office Action
mailed July 27, kindly enter the following amendments and consider the following remarks
toward reconsideration of the present application.